

## CLIMATE & ECONOMIC DEVELOPMENT PROJECT SOUTHERN CALIFORNIA



<http://cedp.scag.ca.gov>

# DRAFT Southern California Association of Governments Multi-Sector Catalog Greenhouse Gas Reduction Policy Options

This catalog of Cross-Cutting Issues (CC) regional-level greenhouse gas (GHG) reducing actions and policy options prepared by the Center for Climate Strategies (CCS) is based on actions undertaken or considered in state- and region-wide climate change action plans by multi-stakeholder groups in a wide cross-section of U.S. states and by state, local and private participants.

## Sector 4 of 4: Cross-Cutting Issues

Table	Sector Covered
4	Cross Cutting Issues - Reporting, Registries, Education (CC)

**Key to Rankings\* of Options in the Table that Follows:**

Because of the indefinite nature of GHG reductions and cost/cost savings when implementing broad-ranging options in the Cross-Cutting Issues sector, rankings are not typically done.

**Definition of “Priorities for Analysis\*”:**

- **High:** High priority options will be analyzed first.
- **Medium:** Medium priority options will be analyzed next, time and resources permitting.
- **Low:** Low priority options will be analyzed last, time and resources permitting.

\*To be completed as part of the on-going process

***Important Note: The actions are numbered in this catalog solely for convenience in referencing them. Their numbers do NOT reflect a ranking or prioritization of the actions.***

**Table 4 – Cross-Cutting Issues (CC)**

*This catalog will be developed more fully during the project. Technical Work Group (TWG) members are encouraged to provide input on policies and programs in place in Southern California to assist in defining baselines. The “Notes” column may be used to record recently enacted policies and programs in California relevant to policy options and management actions in the catalog.*

*(Cross Cutting policies, unlike other sectors, are not analyzed for GHG reduction potential or costs per ton, therefore, the header text for these columns is shaded in gray. Unlike other sectors, these columns will not be filled in for Cross Cutting Issues.)*

Option No.	GHG Reduction Policy Option	Potential GHG Emissions Reduction	Cost per Ton	Externalities, Feasibility Considerations	Priority for Analysis	Notes / Related Actions in Southern California
<b>CC-1</b>	<b>GHG INVENTORY AND FORECASTING</b>					
1.1	Establish GHG emission inventory function			Usually run by State, e.g., covering 20 yr period, in 2 or 5 and 10 yr increments.		
1.2	Establish GHG emission forecasting function			(Same as above)		
<b>CC-2</b>	<b>GHG REPORTING</b>					
2.1	Establish or adopt a GHG emissions reporting program			Cover all emissions or specific sectors of GHGs. Coordinate with federal efforts		
<b>CC-3</b>	<b>GHG REGISTRY</b>					
3.1	Establish or participate in a GHG emissions reduction registry			Most US states are in a climate registry. Useful for cap-and-trade accounting.		
<b>CC-4</b>	<b>PUBLIC EDUCATION AND OUTREACH</b>					
4.1	Efforts targeting government employees and activities			(See Region-Lead-By-Example option below)		
4.2	Efforts targeting policymakers (e.g., legislators, regulators, executive branch, agencies)					

Option No.	GHG Reduction Policy Option	Potential GHG Emissions Reduction	Cost per Ton	Externalities, Feasibility Considerations	Priority for Analysis	Notes / Related Actions in Southern California
4.3	Efforts targeting future generations (e.g., primary, secondary, and post-secondary curricula; professional licensing programs, etc.)			Focus on sustainability & reducing consumption. Emulate “best practices” in schools.		
4.4	Efforts targeting community leaders and community-based organizations			Focus on reducing consumption and encouraging sustainability.		
4.5	Efforts targeting the general public			Citizen voluntary efforts to reduce emissions by participation in organized programs. (See policy below.)		
4.6	Efforts targeting industrial and economic sectors			Focus on sustainability & reducing consumption		
4.7	Create outreach coordinator(s) position(s)					
4.8	Encourage climate change and solution research at academic institutions					
4.9	Commission study of implications of market-based systems to manage GHG emissions			Effects on state of cap-and-trade, carbon taxes, cap-and-dividend		
<b>CC-5</b>	<b>ADAPTATION and VULNERABILITY</b>					
5.1	Develop a regional climate change adaptation plan			Water concerns a key driver.		
5.2	Conduct a regional climate change vulnerability assessment			CCS is developing a comprehensive Adaptation catalog and process		

Option No.	GHG Reduction Policy Option	Potential GHG Emissions Reduction	Cost per Ton	Externalities, Feasibility Considerations	Priority for Analysis	Notes / Related Actions in Southern California
<b>CC-6</b>	<b>GHG REDUCTION GOALS OR TARGETS</b>					
6.1	Establish goals or targets for statewide GHG emission reductions					
<b>CC-7</b>	<b>LOCAL GOVERNMENTS &amp; TRIBES GHG REDUCTION LEAD-BY-EXAMPLE ACTIVITIES</b>					
7.1	Establish goals or targets for reducing GHG emissions attributable to government owned or operated sources					
7.2	Identify a multi-agency body to oversee on-going state climate efforts					
7.3	Monitor region's own GHG emissions at agency level.			Require annual agency-specific reports on GHG reduction progress.		
7.4	Require inclusion of GHG emissions impacts in Environmental Impact Statements and Environmental Assessments					
7.5	Require projects funded with municipal bonding to be climate-neutral			Can be part of RCI.		
7.6	Join the Chicago Climate Exchange (CCX)					
7.7	Join regional climate action group (such as WCI, RGGI, MGA)					
7.8	Encourage and incentivize energy saving actions in government operations and facilities			Energy audits, energy efficiencies, solicit employee involvement and ideas.		

Option No.	GHG Reduction Policy Option	Potential GHG Emissions Reduction	Cost per Ton	Externalities, Feasibility Considerations	Priority for Analysis	Notes / Related Actions in Southern California
7.9	Encourage transportation options that reduce GHG emissions			Gov't fleet of low carbon vehicles, reduce VMT, expand commuter options and incentives, teleconferencing		
7.10	Develop environmentally-friendly purchasing programs					
7.11	Establish an entity to coordinate regional efforts to address climate change					
<b>CC-8</b>	<b>LOCAL GHG REDUCTION ACTION</b>					
8.1	Local governments and regional associations develop local climate action plans and strategies			Set goals; Encourage participation; Include adaptation strategies		
8.2	Implement a region-wide program to encourage and structure voluntary individual actions to reduce GHG emissions					
8.3	Establish public-private partnership to seek investment capital and philanthropic funding for reducing GHG emissions and supporting development of the new energy economy					
<b>CC-9</b>	<b>FINANCIAL POLICIES</b>					
9.1	Develop funding strategies to help pay for climate strategies. Also, see Carbon Markets in Energy Supply Sector					

Option No.	GHG Reduction Policy Option	Potential GHG Emissions Reduction	Cost per Ton	Externalities, Feasibility Considerations	Priority for Analysis	Notes / Related Actions in Southern California
<b>CC-10</b>	<b>CLIMATE RELATED INVESTMENT AND BUSINESS-TO-BUSINESS ENGAGEMENT</b>					
10-1	Encourage formulation of a business-oriented entity to promote private sector climate protection.					
<b>CC-11</b>	<b>DEDICATE GREATER PUBLIC INVESTMENT TO CLIMATE DATA &amp; ANALYSIS</b>					
11.1	Identify resources for climate related data collection and analysis.					

**Acronyms:**

GHG - Greenhouse gases

LCV - Low carbon vehicle

MGA - Midwestern Governors Accord

RCI - Residential Commercial and Industrial

RGGI - Regional Greenhouse Gas Initiative

VMT - Vehicle miles traveled

WCI - Western Climate Initiative